

Remarks

The claims have been rewritten to make them more readable and to make them better to conform to requirements.

The specification and title have been amended to make them clearer. The matter added should not be considered new matter. The shape of unbalanced mass, which is fixed to the pedal, is not significant to the present invention, as well as a way of attachment.

As to confused references to an "axle" or "axis" on which or by means of which a wheel or something else rotate, it is because of unclear definitions given by the dictionary. That is why applicants for a certain definition use two words such as "leading axle" or "fixed axis", or "axis of rotation" or "axes of rotation" (in plural).

Similarly, on page 2, line 22, "one-way rotatable element" has been rewritten in clearer English and in the singular to state "one-way directional element".

Dear Sir,

Please, spend 20 minutes of your time to watch the videotape "4 Patents- One Conclusion", which generally explains how the gravity converts into rotational mechanical energy due to unbalanced masses. It will also clear up "as to how the sprocket is powered by gravity", and explain "the process of kinetic relations between the sprocket, chain periphery, and disk".

You can get more information upon requesting a second 30-minute tape, titled "Speedy Bicycle".

As to the “unbalanced part of the pedal”, which is “difficult to identify without proper referencing” such in correction has been solved in the new Fig. of the drawings. Unbalanced part of the pedal 1 has been referenced by number 1a, and shows one of the ways of attachment.

Similarly, the disk’s 5, periphery 6 has been renumbered to a 5a. Such change makes better to conform to required correction as to “why reference 6 is called chain periphery”. Now it is clear that disk5 has a periphery with a chain thereon and given name “chainomatic periphery”, because the chain has direct constant contact with a disk’s periphery, by means of fixing to it.

Similarly, sprocket 4 has been renumbered to 4s, because of its difference from other’s sprocket as a part of planetary mechanism having name “satellite sprocket”. Driving sprocket of a bicycle refers to number 6, while his chain to a freewheel refer to number 6a.

Standard freewheel is not referred to a number.

Applicant has been refused from reference to a gravitational lever (GL), because the crank with a pedal, having an unbalanced mass thereon in combination with a planetary mechanism carried out the same function. Practically, there are two modifications of the same design, which is described in USA Patent 6,601,478B.

Respectfully Submitted,



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